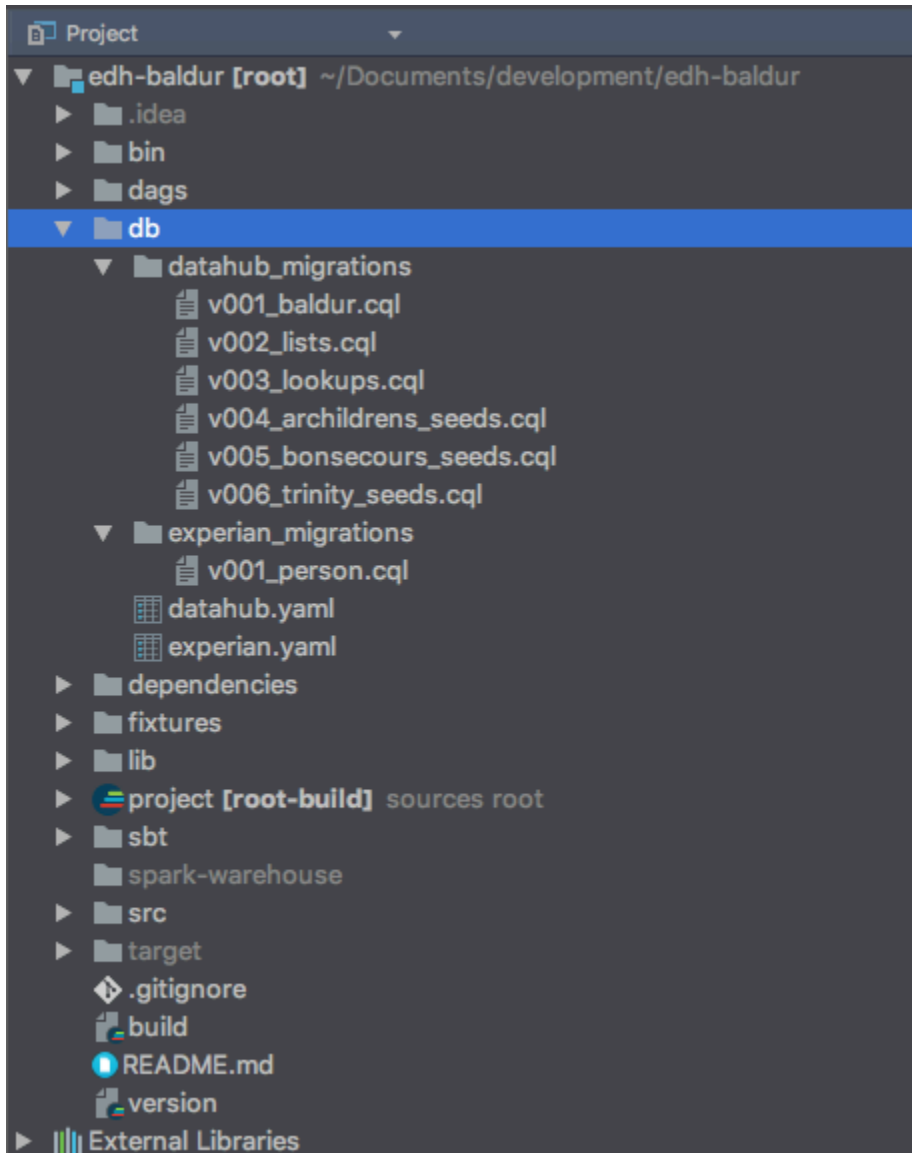


Adding a Schema Migration to the EDH Baldur project

The edh-baldur project uses the [cassandra-migrate](#) project for managing EDH customers in the lookups, and making schema changes to the datahub and experian keyspaces.



1) Verify your current schema is up to date

To make changes to the baldur project you'll be required to add your changes to the "db" folder in the edh-baldur repo. Changes for the experian keyspace go into db/experian_migrations and changes for the datahub keyspace go into the db/datahub_migrations folders.

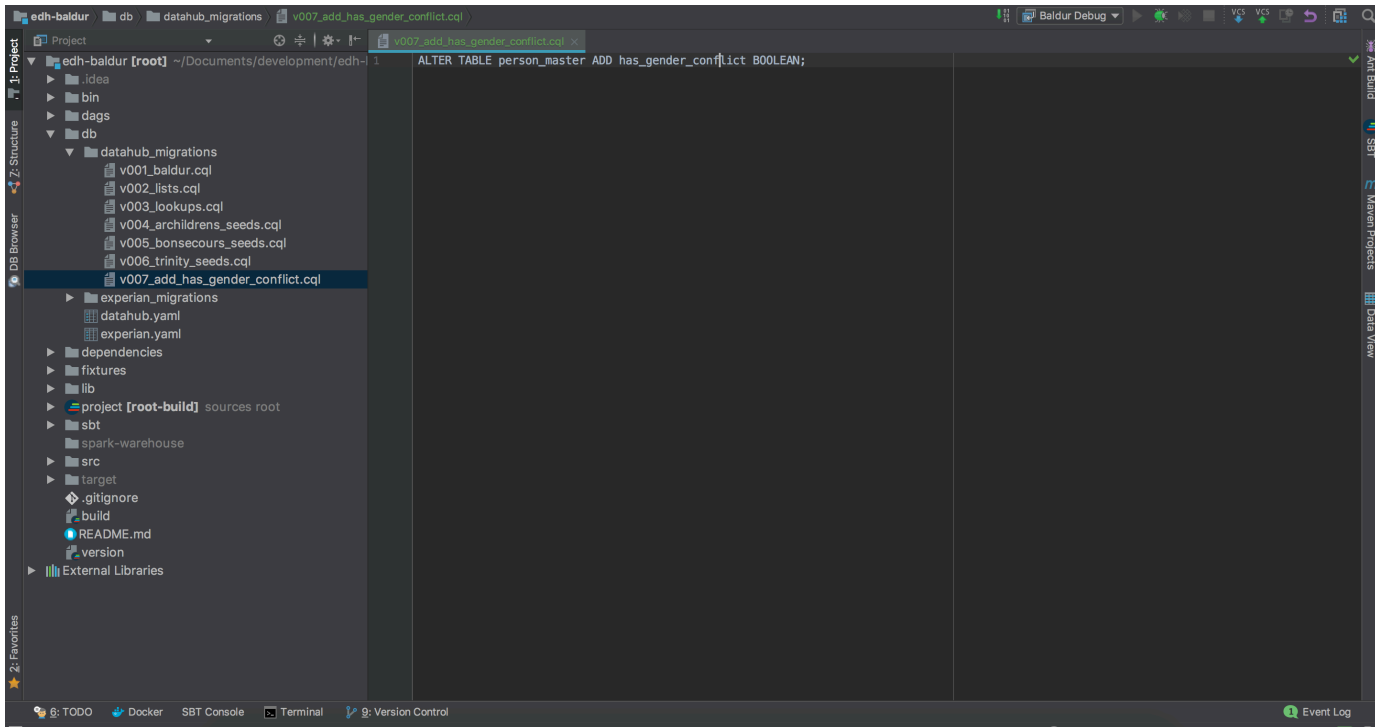
Before making any changes make sure you have merged with master to avoid any issues with versioning.

2) Create your new .cql script in the db folder

Add a file using the pattern "vVERSIONNUMBER_DESCRIPTION.cql". The version number is the increment of the last migration. The description should be a snake case representation of the changes you want to make. For example if you want to add a column named, has_gender_conflict

to the person_master table in the datahub keyspace you would add the following text to db/datahub_migrations/v007_add_has_gender_column.cql.

```
ALTER TABLE person_master ADD has_gender_conflict BOOLEAN;
```



3) Run the schema migration command

Run the migration in your local using the command to confirm you cql changes work.

```
edh schema migrate -e local -p small
```

You should see something similar to below output

```
Admins-MacBook-Pro-2:edh-baldur thaddeus.gholston$ edh schema migrate -e local -p large
Using 'local' environment shell defaults from '/Users/thaddeus.gholston/Documents/development/edh-baldur/bin/defaults/local.sh'
Using 'local' environment configuration from '/Users/thaddeus.gholston/Documents/development/edh-baldur/bin/defaults/local.conf'
INFO: Migrator: Pending migrations found. Current version: 6, Latest version: 7
INFO: Migrator: Advancing to version 7
INFO: Migrator: Writing in-progress migration version 7: Migration("v007_add_has_gender_conflict.cql")
INFO: Migrator: Executing migration - 1 CQL statements
INFO: Migrator: Finalizing migration version with state SUCCEEDED
INFO: Migrator: Database is already up-to-date
```

Afterwards submit a PR for your changes to be added to master. Once added to master branch they will be deployed to qa for confirmation, then run in staging for verification and further testing, and finally prod once released at the end of the sprint.